

IN THE CLAIMS

1 (currently amended): Electric motor with variable rotation speed comprising

- a stator (2) connected to at least one magnetic ~~excitation~~ induction coil,
- a rotor (4) on which are formed at least two magnetic poles each having opposite polarity
- said at least one coil being adapted to form on said stator at least two magnetic induction poles having opposite polarity,
- an adjusting device (5) for adjusting said rotation speed of said rotor comprising an antijamming filter (52),

wherein said antijamming filter comprises at least one portion of said magnetic induction coil, said magnetic induction coil ~~is~~ being divided into a first portion (3a) and a second portion (3b) connected to each other in series and said speed adjusting device (5) ~~is~~ being positioned between said first portion (3a) and said second portion (3b), inside the motor chassis.

2 (canceled)

3 (original): Motor according to claim 2, wherein said first portion and said second portion are identical to each other.

4.(original): Motor according to claim 1 wherein said antijamming filter (52) comprises an RC system.

5 (original): Motor according to claim 1 wherein said adjusting device comprises a phase shutting piloting circuit.

6 (original): Motor according to claim 1 wherein said adjusting device comprises a phases "chopper" piloting circuit.

7 (currently amended): Motor according to claim 1 wherein said adjusting device acts exclusively on a single part of ~~the~~ a group of action windings in a single phase motor with an out-of-phase condenser.

8 (original): Motor according to claim 1 wherein said adjusting device acts exclusively on one phase in a motor having at least two phases.

9 (canceled)